

Converting Colors

Hex(1C1653)

Have a look what the booklet for
Hex(1C1653) contains.

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Color

Hex(1C1653)

Conversions

Conversions Part 1

Format	Color
Hex	1C1653
RGB	28, 22, 83
RGB Percent	11%, 9%, 33%
CMY	0.8902, 0.9137, 0.6745
CMYK	0.66, 0.73, 0.00, 0.67
HSL	246°, 58%, 21%
HSV	246°, 73%, 33%
XYZ	2.3271, 1.4452, 8.3399
YIQ	30.7480, -16.0050, 20.2430

Conversions

Conversions Part 2

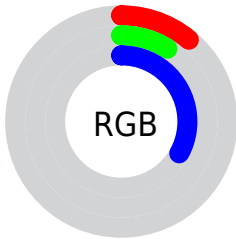
Format	Color
RYB	28, 22, 83
Decimal	1840723
CIELab	12.26, 23.40, -36.22
CIELCh	12, 43.120, 302.861
Yxy	1.4452, 0.1921, 0.1193
Android (android.graphics.Color)	4280030803 (0xFF1C1653)
YUV	30.7480, 25.7602, -2.4100
Hunter-Lab	12.0218, 13.5153, -32.7163




Details

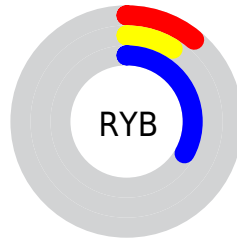
The Hex color **1C1653** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4D5316**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **4F4185**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **150E53**, and if you desaturate by 10%, it is **231E53**.

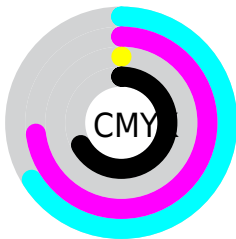
Distribution







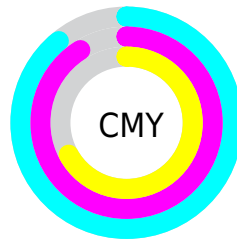
-  Red (11%)
-  Green (9%)
-  Blue (33%)






-  Red (11%)
-  Yellow (9%)
-  Blue (33%)



-  Cyan (66%)
-  Magenta (73%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (89%)
-  Magenta (91%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1653 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1C1653 by changing the saturation by 10% instead.

 1C1653

 1C1653

 FFF9FF

 04003C

 4F4185

 000225

 6959A0

 00010D

 8472BB

 000000

 9E8BD7

 BAA5F3

 D6C1FF

 F3DDFF

 1C1653

 1C1653

■ 150E53

■ 231E53

■ 0D0553

■ 2B2753

■ 080053

■ 322F53

■ 3A3753

■ 413F53

■ 494853

■ 505053

■ 585853

■ 5F6153

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00245D



1C1653



44003C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C1653



3E1200



002C22

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1C1653



4D5316

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002B00



1C1653



272000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1C1653



4D0000



042700



002C40

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1C1653



4E0028



042700



002C18

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1C1653



56546B



164E53



292836



B5B5B5



363636

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1C1653



160D6B



3A1653



252529



0A0069



1700E8

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53164D



6B0D62



2F5316



292528



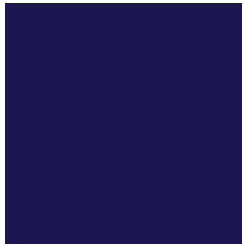
69005E



E800D1

Previews

White Background



This preview shows how the Hex color 1C1653 looks on a white background.

Color Contrast Check

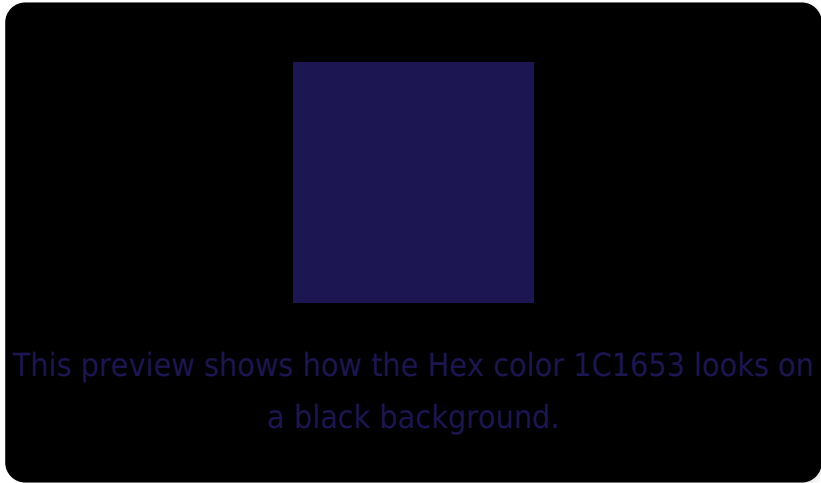
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

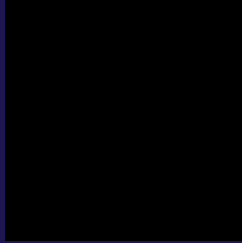
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1C1653 Background



This preview shows how black text looks on a background with the Hex color 1C1653.



This preview shows how white text looks on a background with the Hex color 1C1653.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
1C1653

Protanopia
002043

Deuteranopia
002239

Trichromacy



Original Color
1C1653

Protanomaly
0A1C49

Deuteranomaly
0A1E42

Tritanomaly
0A2037

Monochromacy



Original Color
1C1653

Achromatopsia
1F1F1F

Achromatomaly
1E1C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1653 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1C1653 looks like.

```
.text, #text, p{  
    color:#1C1653  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1C1653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1653
}
```

Border

The CSS property to change the border of an element to Hex 1C1653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C1653 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1C1653 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1C1653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1653; -webkit-box-shadow:4px 4px  
4px 4px #1C1653; box-shadow:4px 4px 4px  
4px #1C1653 }
```

Background

The CSS property to change the background color of an element to Hex 1C1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1653 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1C1653 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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